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Docket No.: 041-2080

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

10971 U.S. PTO  
09/989110  
11/21/01

In re Application of

Satoshi SENGU et al.

Serial No.

Filed: November 21, 2001

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: Group Art Unit:  
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: Examiner:  
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For: MULTICAST SYSTEM CAPABLE OF DIVIDING ENTIRE GROUP INTO PLURAL  
GROUPS WITH EASIER PROCEDURES

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
Washington, D. C. 20231

Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

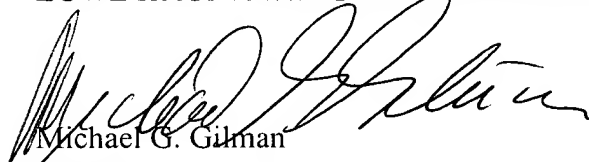
This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

Serial No.

The relevance of each non-English language reference, if any, is discussed in the present specification.

Respectfully submitted,

LOWE HAUPTMAN GILMAN & BERNER, LLP

A handwritten signature in black ink, appearing to read "Michael G. Gilman", is written over the printed name.

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FORM HDP-1449 (Based on Form PTO-1449)

**PATENT AND TRADEMARK OFFICE  
INFORMATION DISCLOSURE CITATION**  
(Use several sheets if necessary)

Sheet 1 of 1

ATTORNEY DOCKET NO.

SERIAL NO.

APPLICANT

Satoshi SENGU et al.

FILING DATE

GROUP

1c971 U.S. PTO  
09/989110

11/21/01

**U.S. PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Name	Class/ Subclass	(If appropriate) Filing Date

**FOREIGN PATENT DOCUMENTS**

Ref. Desig.	Examiner's Initials	Document Number	Date	Country	Class/ Subclass	Translation	
						Yes	No
		11-110401	4/23/99	Japan Shiroshita et al.		X	

**OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)**

Ref. Desig.	Examiner's Initials	

Examiner:

Date Considered:

EXAMINER: Please initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.